



Objectives for Human Missions to NEOs

POLICY AND PUBLIC ENGAGEMENT

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What steps can be taken to ensure policy stability for long periods of time...



- ...as necessary to develop and execute a human NEO mission?
- Identify the compelling questions and use the answers to build the program
 - Examples:
 - Can humans thrive beyond low Earth orbit? The solar system?
 - What is the economic benefit to expanding into the solar system?
- Mixed strategy approach: identifying the driving questions for each stakeholder community and involving them in the decision process
- Achievable milestones for long-term sustainability that are mapped and met, and build momentum – with realistic budgets. Build a diverse portfolio.

What policy barriers/gaps exist for human NEO missions...



- ... and what are the priority questions to be answered for such missions?
- **Barriers**
 - From an economic perspective, current international agreements limit the ability to utilize resources
 - Uncertainty about questions and means driving the policy to go beyond low Earth orbit
- **Gaps**
 - Currently no definitive leadership/international plan for planetary defense. There is no national planetary defense office/Presidential directive.
 - Lacking well developed documentation clearly prioritizing NEO mission goals
 - Examples – architecture, objectives

From a public engagement perspective, given the concept of operations, how do we best engage the public...



- ...and are there specific opportunities to engage the public through Participatory Exploration-type initiatives?
- **Public Engagement**
 - Make the contact real – engage senses beyond 2D methods
- **Participatory Exploration**
 - Provide people opportunities for real work and meaningful contributions
 - Shift focus from promoting "study and you can become an astronaut" to "come with us and explore the universe!" Expand the message.

Parking Lot



- As a government, talk about space strategically, and bring the public in to everything that is going on without stove piping (i.e. an all government space channel instead of the NASA channel)